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Additives for rubber to improve productivity - obtd. by mixing rubber additive with liq. rubber and/or polyester- or polyether-type plasticiser, and hydrocarbon synthetic extender oil

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Patent Family:

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JP 3100031	A	19910425	JP 89235811	A	19890913		199123 B

Priority Applications (No Type Date): JP 89235811 A 19890913

Abstract (Basic): JP 3100031 A

Additive compsn. is obtd. by mixing 100 pts.wt. of rubber additives selected from vulcanisation accelerator, acid acceptor and dehydrating agent for powdery inorganic rubber with 3-100 pts.wt. of at least one of liq. rubber and/or polyester type plasticiser, polyether type plasticiser, and hydrocarbon type synthetic extender oil as treating agent at temp. more than the softening pt. of the treating agent.

The liq. rubber is at least a kind of liq. acrylonitrile-butadiene rubber, liq. isoprene rubber, liq. butadiene rubber, liq. chloroprene rubber and liq. polysulphide. The polyester type plasticiser is selected from polyesters of dibasic acid and dihydric alcohol. The hydrocarbon type extender oil is cooligomer of ethylene with alpha-olefin. The powdery inorganic additive is at least one of zinc white, active zinc white, composite zinc white, basic zinc carbonate, magnesium oxide, etc.. The rubber additive is rubber reinforcement agent, white pigment, rubber sulphur or rubber curing accelerator. The rubber treating agent is at least one rubber softening agent, plasticiser, rubber tackifier, rubber lubricant, antiageing agent and curing accelerator.

ADVANTAGE - The additive for rubber improves productivity, because the additive shows good adhesion to cpd., diffuses rapidly into the cpd. and doesn't fall on a roll vat. It has improved scattering property, fluidity and dispersibility. (9pp Dwg.No.0/0)